



U.S. ENVIRONMENTAL PROTECTION AGENCY

ADMINISTRATIVE RECORD FOR MASTER METALS CLEVELAND, CUYAHOGA COUNTY, OHIO

ORIGINAL SEPTEMBER 15, 1999

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION PAGE	<u>es</u>
1	00/00/00	U.S. EPA	File	Site Background Infor- mation and Reasons for Additional Response Action at the Master Metals Site	4
2	00/00/00	U.S. EPA	File	Table/Map re: Samples And Analytical results for the Holman Avenue Site	2
3	00/00/00	Technical Review Workgroup for Lead	Distribution List	Report re: Methodology for Assessing Risks Associated with Non- Residential Adult Exposure to Load in Soil	39 38
4	01/21/91	Compliance Technologies, Inc.		Subsurface Investigation Report for the Master Metals Site	119
5	08/13/92	Ecology and Environment, Inc.	U.S. EPA	Site Assessment Report for the Master Metals, Inc. Site	66
6	01/21/93	Environment One, Inc.		Report: Master Metals Background Sampling Results for the Holmden Avenue Property	11
7	04/27/93	Gaitskill, J., U.S. EPA	Fabinski, L., U.S. EPA	Memorandum re: Ambient Lead Concentrations near the Master Metals Site	*3
8	05/10/93	Shelley, T., Ohio Dept. of Health	Ballard, T., U.S. EPA	Letter re: Health Consultation for the Master Metals Site	* 3
9	05/13/93	Muroya, M., USDHHS/PHS/ ATSDR	Ballard, T., U.S. EPA	Letter re: Directions of the Apartment Complex and Playground in the Health Consultation for the Master Metals Site	1
10	08/05/93	Schregardus, D., Ohio EPA	Mickey, D., Master Metals, Inc.	Letter re: Violations of the October 14, 1992 Final Findings and Orders Issued to Master Metals, Inc.	2

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11	09/24/93	Ecology and Environment, Inc.	U.S. EPA	Site Assessment Report for the Master Metals Site	13
12	01/00/94	U.S. EPA/ EMSL	U.S. EPA	Aerial Photographic Analysis of Master Metals, Inc. Site (TS-PIC-93069/94069)	25
13	06/30/94	PRC Environmental Management, Inc.	U.S. EPA	Screening Site Inspection/Site Evaluation Report for the Master Metals Site	46 45
14	01/00/96	Conti, M., U.S. EPA	U.S. EPA	Report: Lead Monitoring Study Around Master Metals, Inc. and LTV Steel Company	29
15	03/26/97	Van Leeuwen, P., U.S. EPA	Harris, A., U.S. EPA	Memorandum re: Lead Risk Evaluation for the Master Metals Site	24
16	04/02/97	Van Leeuwen, P., U.S. EPA	Harris, A., U.S. EPA	Memorandum re: Lead Risk Evaluation for the Master Metals Site	25
17	04/17/97	U.S. EPA	Respondents	Administrative Order by Consent for the Master Metals Site w/ Attached Cover Letter	32
18	04/18/97	ENTACT, Inc.	U.S. EPA	Site Investigation for Master Metals and the Holmden Road Site	22
19	05/13/97	ENTACT, Inc.	U.S. EPA	Phase I Time-Critical Removal Action Workplan for the Master Metals Site	87
20	05/13/97	ENTACT, Inc.	U.S. EPA	Phase I Time-Critical Removal Action Workplan Book 2 (Appendices B & C	209
21	06/30/97	U.S. EPA	File	Table: Waste Character- ization and Verification Analysis for the Master Metals Site for the Period June 19-30, 1997	4
22	07/15/97	U.S. EPA	File	Table: Air Monitoring Data for the Master Metals Site for the Period June 16-July 15, 1997	2

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23	07/18/97	Kissick, E., ENTACT, Inc.	Alcamo, T., U.S. EPA	Letter re: PM10 Air 2 Sampling Data for the Master Metals Site
24	08/06/97	U.S. EPA/ Region 3	U.S. EPA	Table: U.S. EPA Region 3 16 Risk-Based Concentrations
25	08/08/97	ENTACT, Inc.	U.S. EPA	Engineering Evaluation 174 and Cost Analysis (EE/CA) Workplan for the Master Metals Site
26	09/02/97	ENTACT, Inc.	Master Metals Technical Committee	Treatability Study 12 Report for the Master Metals Site
27	09/04/97	U.S. EPA	File	Table: Waste Character- 4 ization and Verification Analysis for the Master Metals Site for the Period August 8-September 4, 1997
28	09/09/97	U.S. EPA	File	Table: Air Monitoring 2 Data for the Master Metals Site for the Period August 11-September 9, 1997
29	09/16/97	Trocchio, J., Ohio EPA	Alcamo, T., U.S. EPA	Letter re: Ohio EPA's 1 Comments on the EE/CA Workplan for the Master Metals Site
30	09/18/97	Alcamo, T., U.S. EPA	Pisani, D., ENTACT, Inc.	Letter re: U.S. EPA's 2 Comments on the EE/CA Workplan for the Master Metals Site
31	10/01/97	ENTACT, Inc.	U.S. EPA	Engineering Evaluation 100 and Cost Analysis (EE/CA) Sampling Plan for the Master Metals Site
32	10/08/97	DeRosa, M., ENTACT, Inc.	Alcamo, T., U.S. EPA	Letter re: Request for 4 Field Modification to Phase I Time-Critical Removal Work Plan for the Master Metals Site
33	10/09/97	DeRosa, M., ENTACT, Inc.	Alcamo, T., U.S. EPA	Fax Transmission re: 8 Field Modification to 9 Phase I Time-Critical Removal Work Plan for the Master Metals Site

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34	10/10/97	ENTACT, Inc.	U.S. EPA	Summary of Pertinent 8 Analytical Results for Samples Taken Between September 10 - October 10, 1997 for the Master Metals Site	
35	10/15/97	Pisani, E., et al.; ENTACT, Inc.	Alcamo, T., U.S. EPA	FAX Transmission re: 4 Plan of Remedial Activities for the Holmden Avenue Property	
36	10/24/97	ENTACT, Inc.	U.S. EPA	Tables: Summary of Perti- 3 nent Analytical Results for the Master Metals Site for the Period October 13-24, 1997	•
37	10/27/97	DeRosa, M., ENTACT, Inc.	Alcamo, T., U.S. EPA	FAX Transmission re: 9 Analytical Results for Samples Taken South of the Master Metals Site	
38	11/03/97	Abraham, S., Ohio EPA	DeRosa, M., ENTACT,	Letter re: Analytical 1 Data on the Backfill Source at the Master Metals Site	
39	11/17/97	Entact, Inc.	Alcamo, T., U.S. EPA	FAX Transmission re: 6 Weekly Summaries for Weeks 19-23 (October 13- November 16, 1997) for the Master Metals Site	
40	11/21/97	Ross Analytical Services, Inc.	U.S. EPA	Fax Transmissions Forwarding (1) Analytical Data for Excavated Soil at the Master Metals Site and (2) Verification Results for Holmden Avenue Property	
41	12/16/97	Banks, S., ENTACT, Inc.	Harris, A., U.S. EPA	Fax Transmission Forward- 12 ing Analytical Data for the Master Metals Site	
42	01/19/98	ENTACT, Inc.	U.S. EPA	Engineering Evaluation 118 and Cost Analysis (EE/CA) Data Report for the Master Metals Site	
43	02/06/98	ENTACT, Inc.	U.S. EPA/ Ohio EPA	Final Report for Removal 162 Activities at the Holmden Avenue Site	
44	02/09/98	Abraham, S., Ohio EPA	DeRosa, M., ENTACT, Inc.	Letter re: Ohio EPA's 2 Comments on the EE/CA Data Report for the Master Metals Site	

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION PAGES
45	02/19/98	Zahorodnij, O., City of Cleveland Fire Department	Winklhofer, R., U.S. EPA	FAX Transmission re: 4 Information Concerning Underground Storage Tanks at the Master Metals Site
46	03/09/98	Abraham, S., Ohio EPA	Harris, A., U.S. EPA	Letter re: Ohio EPA's 1 Comments on the Final Report for Removal Activities at the Holmden Avenue Property
47	04/03/98	Abraham, S., Ohio EPA	Harris, A., U.S. EPA	Letter re: Ohio EPA's 2 Comments on the Phase I Final Report for Time Critical Removal Action at the Master Metals Site
48	04/24/98	ENTACT, Inc.	U.S. EPA	Final Report for the 74 Phase I Time-Critical Removal Action Activities at the Master Metals Site
49	05/06/98	Ord, V., Ohio Department of Commerce	Cisneros, A., U.S. EPA	Letter re: Removal of 2 Underground Storage Tanks at the Former Master Metals Site
50	05/29/98	Abraham, S., Ohio EPA	Harris, A., U.S. EPA	Letter re: Ohio EPA's 7 Comments on the EE/CA Report for the Master Metals Site
51	05/29/98	Dodrill, J., City of Cleveland	Abraham, S., Ohio EPA	Letter re: City of 5 Cleveland's Comments to Proposed Remediation at Master Metals Site and Holden Avenue
52	06/02/98	Abraham, S., Ohio EPA	Dodrill, J., City of Cleveland	Letter re: Ohio EPA's 4 Responses to the City of Cleveland's May 29, 1998 Comments on the EE/CA Report for the Master Metals Site and the Holmden Avenue Remediation
53	06/05/98	Abraham, S., Ohio EPA	Harris, A., U.S. EPA	Letter re: Ohio EPA's Review of the Revised Phase I Final Report for the Time Critical Removal Action at the Master Metals Site
54	11/23/98	ENTACT, Inc.	U.S. EPA	Final Engineering 84 Evaluation and Cost Analysis (EE/CA) for the Master Metals Site

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION PA	<u>ges</u>
55	12/03/98	Abraham, S., Ohio EPA	Heath, J., U.S. EPA	Letter re: Ohio EPA's Comments on the EE/CA Report for the Master Metals Site	1
56	02/18/99	Cleveland Plain Dealer	Public	U.S. EPA Public Notice re: Announcement of the Public Comment Period on the EE/CA for Cleanup of Lead Contaminated Soil at the Master Metals Site and the March 18, 1999 Public Meeting	1
57	02/23/99	Cleveland Plain Dealer	Public	U.S. EPA Public Notice re: Announcement of the Public Comment Period on the EE/CA for Cleanup of Lead Contaminated Soil at the Master Metals Site and the March 18, 1999 Public Meeting	1
58	03/00/99	U.S. EPA	Public	Fact Sheet: U.S. EPA Proposes Clean-up Plan for Master Metals Site	10
59	03/02/99	U.S. EPA	Public	Environmental News Release: Proposed Clean- up Plan for the Master Metals Site and Announce- ment of the Public Comment Period and the March 18, 1999 Public Meeting	2
60	03/18/99	Concerned Citizens	U.S. EPA	Three Public Comment Sheets re: the Proposed Cleanup Plan for the Master Metals Site	3
61	03/18/99	U.S. EPA/ Ohio EPA	Public	Transcript of March 18, 1999 Public Meeting re: the Master Metals Site	89
62	03/31/99	Cleveland Plain Dealer	Public	U.S. EPA Public Notice re: Announcement of an Extension to the Public Comment Period on the EE/CA at the Master Metals Site	1
63	03/31/99	Kulinski, C., TBN Holdings	Heath, J., U.S. EPA	Letter re: TBN's Request for an Extension to the Public Comment Period on the Proposed Cleanup Plan for the Master Metals Site	1

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NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION PAGES
64	03/31/99	U.S. EPA	Public	Environmental News 2 Release: EPA Extends Comment Period for the Master Metals Cleanup Plan
65	04/00/99	Roy F. Weston, Inc.	U.S. EPA	Final Community Involve- 146 ment Plan for the Masters Metal Site
66	04/29/99	Dodrill, J., City of Cleveland/ Department of Law	Bill, B., U.S. EPA	Letter re: City of 13 Cleveland's Comments on the EE/CA for the Master Metals Site
67	04/29/99	Hudecek, L., City of Cleveland/ Department of Community Development	Bill, B., U.S. EPA	Letter re: City of 2 Cleveland's Comments on the EE/CA for the Master Metals Site
68	04/29/99	Kulinski, C., TBN Holdings	Bill, B. & G. Massenburg; U.S. EPA	Letter re: TBN's Comments 2 on the Proposed Plan for Cleanup at the Master Metals Site
69	04/30/99	Kulinski, C., TBN Holdings	Bill, B. & G. Massenburg; U.S. EPA	Letter re: TBN's Sub- mission of Comments on the Proposed Cleanup Plan for the Master Metals Site
70	05/06/99	Jones, C., Ohio EPA	Rish, W., McLaren Hart, Inc.	Letter re: Ohio EPA's 8 Approval of the City of Cleveland's Request for an Urban Setting Designation (USD) for the "Industrial Valley Area" within the City of Cleveland
71	08/19/99	U.S. EPA	File	Region 5 Superfund EJ 1 Analysis for the Master Metals Site
72	09/30/99	Massenburg, G., U.S. EPA	Muno, W., U.S. EPA	Action Memorandum 45 Request for a Non-Time Critical CERCLA Removal Action at the Master Metals Site

GUIDANCE ADDENDUM

NO.	<u>DATE</u>	AUTHOR	RECIPIENT	TITLE/DESCRIPTION PAGE	<u>ES</u>
1	12/00/90	U.S. EPA/ OSWER	U.S. EPA	Superfund Removal Procedures Action Memorandum Guidance (EPA 540/P-90/004)	65
2	08/00/93	U.S. EPA/ OERR	U.S. EPA	Guidance on Conducting Non-Time-Critical Removal Actions Under CERCLA (EPA 540-R-93-057, Publication 9360.0-32, PB93-963502)	65
3	07/14/94	U.S. EPA/ OSWER	U.S. EPA	Memorandum re: Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facili- ties (OSWER Directive 9355. 4-12)	-,
4	12/00/96	U.S. EPA/ Technical Workgroup for Lead	U.S. EPA	Report: Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil	48
5	08/00/98	U.S. EPA/ OSWER	U.S. EPA	Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities (EPA 540-F-98- 030; PB98-963244)	16

THE FOLLOWING GUIDANCE DOCUMENTS ARE INCORPORATED BY REFERENCE INTO THE ADMINISTRATIVE RECORD

DOCUMENTS MAY BE VIEWED AT U.S. EPA REGION 5

1	03/00/89	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume II: Eval- uation Manual [INTERIM FINAL] (EPA 540/1-89/001)
2	08/00/89	U.S. EPA/ OSWER	U.S. EPA	CERCLA Compliance with Other Laws Manual, Part II: Clean Air Act and Other Environ- mental Statutes and State Requirements (OSWER Directive 9234.1-02, EPA 540/G-89/009)
3	12/00/89	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual, Part A INTERIM FINAL] (EPA 540/1-89/002)

<u>NO.</u>	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION
4	04/00/90	U.S. EPA/ OERR	U.S. EPA	Guidance on EPA Oversight of Remedial Designs and Remedial Actions Performed by Poten- tially Responsible Parties [INTERIM FINAL] (EPA 540/G- 90/001)
5	05/00/90	U.S. EPA/ OSWER	U.S. EPA	Quick Reference Fact Sheet: A Guide to Developing Superfund Records of Decision (OSWER Directive 9335.3-02FS-1)
6	08/00/90	U.S. EPA/ OERR	U.S. EPA	Guidance on Expediting Remedial Design and Remedial Action(EPA 540/G -90/006)
7	09/00/90	U.S. EPA/ OSWER	U.S. EPA	Quick Reference Fact Sheet: Streamlining the RI/FS for CERCLA Municipal Landfill Sites (OSWER Directive 9355.3- 11FS)
8	11/00/90	U.S. EPA/ OSWER/ORD	U.S. EPA	The Superfund Innovative Technology Evaluation Program: Technology Profiles (EPA 540/5-90/006)
9	02/00/91	U.S. EPA/ OERR	U.S. EPA	Conducting Remedial Investigations/Feasibility Studies for CERCLA Municipal Landfill Sites(EPA 540/P -91/001)
10	06/00/92	U.S. EPA/ OERR	U.S. EPA	Standard Operating Safety Guidelines(Publication 9285.1- 03, PB 92-963414
11	11/00/92	U.S. EPA/ OSWER	U.S. EPA	Intermittent Bulletin (Vol. 1, No.4): The Superfund Accelerated Cleanup Model [SACM] (Publication 9203.1-021)
12	12/00/92	U.S. EPA/ OSWER	U.S. EPA	Intermittent Bulletin (Vol. 1, No.1): Status of Key SACM Program Manaement Issues, Interim Guidance (Publication 9203.1-051)
13	12/00/92	U.S. EPA/ OSWER	U.S. EPA	Intermittent Bulletin (Vol. 1, No.2): Early Action and Long Term Action Under SACM, Interim Guidance (Publication 9203.1-051)
14	12/00/92	U.S. EPA/ OSWER	U.S. EPA	<pre>Intermittent Bulletin (Vol. 1, No.3): Enforcement Under SACM Interim Guidance (Publication 9203.1-051)</pre>

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION
15	12/00/92	U.S. EPA/ OSWER	U.S. EPA	Intermittent Bulletin (Vol. 1, No.4): Assessing Sites Under SACM, Interim Guidance (Publication 9203.1-051)
16	05/00/93	U.S. EPA/ OERR	U.S. EPA	Guidance for Scoping the Remedial Design [DRAFT] (OSWER Directive 9355.0-43, EPA 540-F-93-026, PB 93-963332)
17	08/00/93	U.S. EPA/ OSWER	U.S. EPA	Guidance on Conducting Non Time Critical Removal Actions Under CERCLA (OSWER Directive 9360.0-32, EPA 540-R-93-057, PB 93-963402)
18	09/00/93	U.S. EPA/ OSWER	U.S. EPA	Guidance for Evaluating the Technical Impracticability of Ground Water Restoration [INTERIM FINAL] (OSWER DIRECTIVE 9234.2-25)
19	09/00/93	U.S. EPA/ OSWER	U.S. EPA	Quick Reference Fact Sheet: Draft Soil Screening Level Guidance
20	09/00/93	U.S. EPA/ OSWER	U.S. EPA	Quick Reference Fact Sheet: Presumptive Remedies, Policies and Procedures (OSWER Direc- tive 9355.0-47FS, EPA 540-F- 93-047, PB 93-963345)
21	09/00/93	U.S. EPA/ OSWER	U.S. EPA	Quick Reference Fact Sheet: Presumptive Remedies for CERCLA, Municipal Landfill Sites (OSWER Directive 9355.0- 49FS, EPA 540-F-93-035, PB 93- 963339)
22	09/00/93	U.S. EPA/ Region 5	U.S. EPA	Superfund Accelerated Cleanup Model: U.S. EPA Region 5 Process (Vol. 1, No. 1)
23	10/00/93	U.S. EPA/ Region 5/	U.S. EPA	Superfund Accelerated Cleanup Model: Region 5 Integrated Assessments (Vol.1, No. 3)
24	10/00/93	U.S. EPA/ Region 5	U.S. EPA	Superfund Accelerated Cleanup Model: Region 5 Qualitative Ecological Risk Assessments (Vol.1, No. 4)
25	10/00/93	U.S. EPA/	U.S. EPA	Superfund Accelerated Cleanup Model: Region 5 Regional Decision Team (Vol. 1, No.2)